

#138 30-039-24149
#143 30-039-2429901

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit E Sec. 25 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #138, #143

cps 1943w

Elevation 6739' Completion Date 5/10/88 Total Depth 520' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 160' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 440', 432', 424', 417', 410', 280', 270', 245', 225', 170'

Depths vent pipes placed: 470'

Vent pipe perforations: 320'

*Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. 2

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

CATHODIC PROTECTION CONSTRUCTION FORM

Drilling Log (Attach Herein) ☐

Comp
6-29-88
JS

Completion Date: *6-29-88*

CPS #		Well Name, Line or Plot:		Work Order #	Base:	In. (Feet)	
1943 ✓		S.L. 29-7 " 138		25544			
		+ 143		0.71028500	600 S	.87	
Duration:	Anode Size:	Anode Type:		Anode Dia:			
E 25-29-7	2" X 60"	DURATION		6 3/4"			
Depth Drilled:	Depth Logged:	Drilling Log Time:	Total lbs. Cables Used:		See Cathodic Protection Chart:		
520'	470'						
Anode Depth:							
# 1 440	# 2 432	# 3 424	# 4 417	# 5 410	# 6 220	# 7 220	# 8 245
Anode Output (Amps):							
# 1 2.8	# 2 5.5	# 3 5.6	# 4 5.6	# 5 5.4	# 6 3.8	# 7 2.8	# 8 2.3
Anode Depth:							
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18
Anode Output (Amps):							
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18
Total Circuit Resistance:				No. of C.P. Cables Used:			
Volts 12.03				Amps 18.0 Ohms .67			

Remarks: *moisture at 160', Could not get water sample drilled to 520', Hole fell in our rig at 440', Cleared hole. Had to circulate mud, to make bottom of hole. Installed 470' of 1" PVC - Vert pipe installed 320'.*

G.B. \$4074.00 ✓

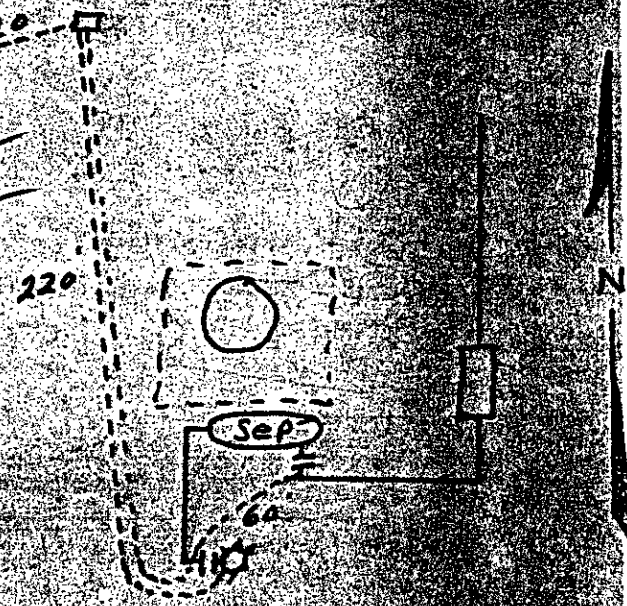
Rectifier Size:	<i>40V</i>	<i>16A</i>	<i>669.00 ✓</i>
Add'l Depth:			
Depth Credit:	<i>-30'</i>		<i>-100.00 ✓</i>
Extra Cable:	<i>260'</i>		<i>62.40 ✓</i>
Ditch & 1 Cable:	<i>300'</i>		<i>210.00 ✓</i>
25' Meter Pole:	<i>-</i>		
20' Meter Pole:	<i>-</i>		
10' Stub Pole:	<i>1</i>		<i>158.50 ✓</i>
Junction Box:	<i>1</i>		<i>225.00 ✓</i>

Alt. Construction: *[Signature]*
(Signature)

5292.90 5503.90 ✓
TAX 264.70 5768.60
5779.10

Correct

JS



639

Catholic Protection Services Co.
1608 Schenck Ln.
P.O. Box 100
Farmington, NM 87499
(505) 327-9215
(505) 325-1948

Date 5/19/88

Company Microdial o.l.

Well No. 22-7 138 Location E-25-29-7

Volts Applied 120.3 Amperes 18.0

5		230	1.2		455	1.4		680	
10		235	1.3		460	1.6		685	
15		240	1.1		465			690	
20		245	1.4 - ②		470	TD		695	
25		250	1.3		475			700	1 - 44.0 - 1.2 - 1.5
30		255	.6		480			705	2 - 43.2 - 1.2 - 1.5
35		260	1.2		485			710	3 - 42.4 - 1.2 - 1.5
40		265	1.4		490			715	4 - 41.6 - 1.2 - 1.5
45		270	1.3 - ②		495			720	5 - 40.8 - 1.2 - 1.5
50		275	1.6		500			725	6 - 39.0 - 1.2 - 1.5
55		280	2.0 - ⑥		505			730	7 - 37.2 - 1.2 - 1.5
60		285	1.0		510			735	8 - 35.4 - 1.2 - 1.5
65		290	.7		515			740	9 - 33.6 - 1.2 - 1.5
70		295	1.0		520			745	10 - 31.8 - 1.2 - 1.5
75		300	1.1		525			750	
80		305	.9		530			755	
85		310	1.2		535			760	
90		315	.6		540			765	
95		320	.5		545			770	
100		325	.6		550			775	
105		330	.6		555			780	
110		335	.7		560			785	
115		340	1.2		565			790	
120		345	1.0		570			795	
125		350	.9		575			800	
130		355	.7		580			805	
135		360	.6		585			810	
140		365	.5		590			815	
145		370	.4		595			820	
150		375	.5		600			825	
155		380	.5		605			830	
160	.8 WATER	385	.9		610			835	
165	1.6	390	1.8		615			840	
170	2.1 - ⑩	395	.7		620			845	
175	1.6	400	.5		625			850	
180	1.6	405	.6 - ⑤		630			855	
185	1.1	410	1.7 - ⑤		635			860	
190	.8	415	1.6 ⑤		640			865	
195	.4	420	1.9 - ⑤		645			870	
200	.4	425	1.6 ⑤		650			875	
205	.4	430	1.6 - ⑤		655			880	
210	.4	435	1.4 ⑤		660			885	
215	.4	440	1.5 - ⑤		665			890	
220	1.0	445	1.5		670			895	
225	1.5 - ⑤	450	1.3		675			900	

D. CRESS

DRILLING CO.

1943

Drill No. 3

DRILLER'S WELL LOG

S. P. No. SAN JUAN 29-7 Date 5-9-88

Client Unit 138 Prospect _____

County Rio Arriba State New Mex.

If hole is a redrill or if moved from original staked position show distance and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	40	SANDSTONE
40	55	Shale
55	95	SANDSTONE
95	150	Shale
150	170	SAND
170	185	Shale
185	240	SANDSTONE
240	290	SANDY SHALE
290	350	SAND
350	360	Shale
360	400	SAND
400	520	Shale

Mud _____ Brm _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Damp @ 170' AND 350'

Driller Rennie Brown